**Ecological Issues Project Research**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block\_\_\_\_\_ Date\_\_\_\_\_\_\_

To conclude the ecology unit you we will be taking a close look at how humans affect the ecosystems and the planet as a whole. Our daily activities have distinct effects on the ecosystems near and far. You and your group will choose a specific ecological issue to research and brainstorm solutions to the problem. You and your group will have four class periods to work, each day you will have a specific goal:

* Day 1 – research/choose group and ecological issue
* Day 2 – Project Proposal
* Day 3 – Create Project
* Day 4 Create/Edit Project

You may work in groups no bigger than 3 people. Remember, when you sign your name in the space below, you are agreeing to contribute to your group and complete tasks you are assigned. Write your group members in the space below and decide on a topic. When you have decided get my signature to verify:

|  |  |  |
| --- | --- | --- |
| Group Members: | Ecological Issue: | Teacher Verification: |

**Day 1 – Research:** The first day in the library is for you and your group to research all aspects and perspectives involved with your ecological issue. Answer the questions below. You will probably need to attach another piece of paper to complete the answers.

1. Explain the basics of the issue or topic you chose.
2. How are ecosystems being negatively affected? (be as specific as you can – use your knowledge of all levels of organization: biomes, ecosystems, communities, populations, and organisms) Describe both biotic and abiotic factors.
3. What groups of people are involved or affected? What are their opinions? (explain all sides of the issue)
4. What things can be done to lessen the impact on the environment? Are there any solutions? What habits can be changed? Based on your research, explain any ideas or solutions you can think of that haven’t been tried.
5. What can you personally change decrease the impact of the ecological issue you chose?
6. List all sources for your research.